L Number	Hits		DB	Time stamp
-	0		USPAT;	2002/12/09 08:40
		device" and nitride and epoxy and phopshor	US-PGPUB; DERWENT	2002/12/09 08.40
-	0	313/501,502,503,499,509,512,498.ccls. and "light emitting device" and nitride and epoxy and phopshor and "uneven	USPAT; US-PGPUB;	2002/11/29 14:29
		surface"	DERWENT	
-	0	313/501,502,503,499,509,512,498.ccls. and "light emitting device" and nitride and epoxy and phopshor	USPAT; US-PGPUB;	2002/11/29 14:29
-	0	313/501,502,503,499,509,512,498.ccls. and LED and nitride and epoxy and phopshor	DERWENT USPAT; US-PGPUB;	2002/11/29 14:29
-	372	313/501,502,503,499,509,512,498.ccls. and LED	DERWENT USPAT; US-PGPUB;	2002/12/04 15:52
-	48	313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting device") and epoxy and phosphor	DERWENT USPAT; US-PGPUB;	2002/11/29 14:30
-	23	313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting device") and epoxy and phosphor and nitride	DERWENT USPAT; US-PGPUB;	2002/12/04 15:39
-	0	313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting device") and epoxy and phosphor and nitride and uneven	DERWENT USPAT; US-PGPUB;	2002/11/29 14:31
-	9	313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting device") and epoxy and phosphor and nitride and frame	DERWENT USPAT; US-PGPUB;	2002/11/29 14:39
-	0	313/501,502,503,499,509,512,498.ccls. and semiconductor and "phosphor embedded epoxy"	DERWENT USPAT; US-PGPUB;	2002/11/29 14:39
-	0	313/501,502,503,499,509,512,498.ccls. and semiconductor and "phosphor embedded epoxy" and frame	DERWENT USPAT; US-PGPUB;	2002/11/29 14:39
-	11	313/501,502,503,499,509,512,498.ccls. and semiconductor and phosphor and epoxy and frame	DERWENT USPAT; US-PGPUB;	2002/11/29 14:43
	0	313/501,502,503,499,509,512,498.ccls. and semiconductor and substrate and nitride and blue and phoshpor and epoxy	DERWENT USPAT; US-PGPUB; DERWENT	2002/11/29 14:44
	0	313/501,502,503,499,509,512,498.ccls. and semiconductor and substrate and nitride and phoshpor and epoxy	USPAT; US-PGPUB; DERWENT	2002/11/29 14:44
	0	313/501,502,503,499,509,512,498.ccls. and substrate and nitride and phoshpor and epoxy	USPAT; US-PGPUB; DERWENT	2002/11/29 14:44
	17	313/501,502,503,499,509,512,498.ccls. and semiconductor and substrate and nitride and phosphor and epoxy	USPAT; US-PGPUB; DERWENT	2002/11/29 14:47
]	313/501,502,503,499,509,512,498.ccls. and semiconductor and substrate and nitride and phosphor and epoxy and sapphire	USPAT; US-PGPUB; DERWENT	2002/11/29 14:53
	7	313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and blue and frame	USPAT; US-PGPUB; DERWENT	2002/12/02 07:36
	1	313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and blue and frame and "solid state lamp"	USPAT; US-PGPUB;	2002/12/02 07:36
	0	313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and "solid state lamp"	DERWENT USPAT; US-PGPUB;	2002/12/02 07:37
	[(313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and mehod	DERWENT USPAT; US-PGPUB;	2002/12/02 07:38
	20	and menod 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet)	DERWENT USPAT; US-PGPUB; DERWENT	2002/12/02 09:08

3 313/501,502,503,499,509,512,498.ccls. and "designed surface" 31 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and frame and (LED or "light emitting diode") 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or designed or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" and nitride and phosphor 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 313/501,502,503,499,509,512,498.ccls. and semiconductor die" 31	2/02 08:01 2/02 08:01 2/02 08:05 2/02 08:07 2/02 08:07 2/02 08:08 2/02 08:10 2/02 08:10
3 313/501,502,503,499,509,512,498.ccls. and "designed surface" 2002/1 US-PGPUB; DERWENT US-PAT; US-PGPUB; DERWENT US-PGPUB; DERWEN	2/02 08:05 2/02 08:07 2/02 08:07 2/02 08:08 2/02 08:10
3 313/501,502,503,499,509,512,498.ccls. and "designed surface" 31 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and frame and (LED or "light emitting diode") 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor and (design or designed or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 313/501,502,503,499,509,512,498.ccls. and semiconductor die" 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and (blue or ultraviolet) and ("not smooth" or "uneven") 313/501,502,503,499,509,512,498.ccls. and semiconductor and "uneven" 313/501,502,503,499,509,512,498.ccls. and semiconductor and "uneven" 313/501,502,503,499,509,512,498.ccls. and semi	2/02 08:05 2/02 08:07 2/02 08:07 2/02 08:08 2/02 08:10
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31 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and frame and (LED or "light emitting diode") and semiconductor and (design or pattern) with frame 3 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or pattern) with frame 3 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or designed or pattern) with frame 4 0 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" and nitride and phosphor and contact and "semiconductor die" 5 0 313/501,502,503,499,509,512,498.ccls. and semiconductor die" us-PGPUB; DERWENT	2/02 08:07 2/02 08:07 2/02 08:08 2/02 08:10 2/02 08:10
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and (design or pattern) and frame and (LED or "light emitting diode") 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or designed or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" and nitride and phosphor and contact and "semiconductor die" USPAT; USPGPUB; DERWENT USPAT; USPGPUB; DERWENT USPAT; USPGPUB; DERWENT USPAT; USPGPUB; DERWENT USPAT; USPAT	2/02 08:07 2/02 08:07 2/02 08:08 2/02 08:10 2/02 08:10
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3 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or designed or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor US-PGPUB; DERWENT US-PGPUB; DE	2/02 08:07 2/02 08:08 2/02 08:10 2/02 08:10
emitting diode") and semiconductor and (design or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and (LED or "light emitting diode") and semiconductor and (design or designed or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" and nitride and phosphor 0 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 1 313/501,502,503,499,509,512,498.ccls. and semiconductor die" 1 313/501,502,503,499,509,512,498.ccls. and "semiconductor die" 2002/1 US-PGPUB; DERWENT US-PGPUB; DE	2/02 08:07 2/02 08:08 2/02 08:10 2/02 08:10
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emitting diode") and semiconductor and (design or designed or pattern) with frame 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" and nitride and phosphor 1 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 2002/11 US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT	2/02 08:08 2/02 08:10 2/02 08:10
- 0 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" and nitride and phosphor - 0 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" - 1 313/501,502,503,499,509,512,498.ccls. and "semiconductor die" - 0 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") - 164 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT US-PGPUB; DE	2/02 08:10 2/02 08:10
and contact and "semiconductor die" and nitride and phosphor 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 1 313/501,502,503,499,509,512,498.ccls. and "semiconductor die" 2002/12 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") 2002/12 2002/12	2/02 08:10 2/02 08:10
- 0 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 1 313/501,502,503,499,509,512,498.ccls. and "semiconductor die" 2002/12 - 0 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") 164 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") DERWENT US-PGPUB;	2/02 08:10
- 1 313/501,502,503,499,509,512,498.ccls. and semiconductor and contact and "semiconductor die" 1 313/501,502,503,499,509,512,498.ccls. and "semiconductor die" 2002/12 1 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") 1 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") 2002/12 2002/12	2/02 08:10
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- 1 313/501,502,503,499,509,512,498.ccls. and "semiconductor die" USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; and ("not smooth" or "uneven") 313/501,502,503,499,509,512,498.ccls. and semiconductor and conductor and co	
die" O 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") 164 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") US-PGPUB; DERWENT US-P	
- 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") 164 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") DERWENT US-PGPUB; DERWENT USPAT; US-PGPUB; US-PGPUB; DERWENT USPAT; US-PGPUB; US-PGP	7/02 0a·0a
- 313/501,502,503,499,509,512,498.ccls. and phosphor and epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") - 164 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") USPAT; US-PGPUB; DERWENT USPAT; US-PGPUB; US-PGPUB; DERWENT USPAT; US-PGPUB; US-PG	2/02 na·na
epoxy and semiconductor and nitride and (blue or ultraviolet) and ("not smooth" or "uneven") 164 313/501,502,503,499,509,512,498.ccls. and semiconductor and (design or pattern) and (LED or "light emitting diode") US-PGPUB; US-P	
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and (design or pattern) and (LED or "light emitting diode") US-PGPUB;	
and (design or pattern) and (LED or "light emitting diode") US-PGPUB;	2/02 09:24
DEDIMENT	
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	2/04 11:09
US-PGPUB;	
- 3 313/501,502,503,499,509,512,498.ccls. and (LED or "light USPAT: 2002/12	
- 3 313/501,502,503,499,509,512,498.ccls. and (LED or "light USPAT; 2002/12 emitting device") and epoxy and phosphor and nitride and US-PGPUB;	/04 15:44
(uneven or ripple or dimple or ridge or "surface area" or ridge) DERWENT	ĺ
	/05 15:15
emitting device") and epoxy and phosphor and nitride and US-PGPUB	703 13.13
(uneven or ripple or dimple or groove or ridge)	i
- 513 313/501,502,503,499,509,512,498.ccls. and (LED or "light USPAT; 2002/12	/04 15:53
emitting diode") US-PGPUB;	ì
DERWENT	
	/05 15:20
emitting device") and epoxy and phosphor and nitride and US-PGPUB; (uneven or ripple or dimple or groove or ridge or "not even" or DERWENT	
(uneven or ripple or dimple or groove or ridge or "not even" or DERWENT "not smooth")	1
14 212/504 502 502 402 502 512 402	IDE 15:21
emitting device") and epoxy and phosphor and nitride and US-PGPUB;	/05 15:21
(uneven or ripple or dimple or groove or ridge or "not even" or DERWENT	
"not smooth" or designed or design)	
- 265 257/\$3.ccls. and (LED or "light emitting diode") and frame and USPAT; 2002/12	06 14:37
(uneven or roughness or rough or dimple or groove or "not US-PGPUB:	
even") DERWENT	
	/06 16:28 h
(uneven or roughness or rough or dimple or groove or "not US-PGPUB;	
even") DERWENT DERWENT 2 ("5998925").PN. USPAT 2002/12	100 45 5 5
2002/12/	06 16:28
US-PGPUB; DERWENT	
1 9 1 ///0404404/() (201	09 08:41
US-PGPUB;	03 00.41
DERWENT	
- 2 ("6328464").PN. USPAT; 2002/12/	09 08:41
US-PGPUB;	
DERWENT	

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-	2	("5786665").PN.	USPAT;	2002/12/09 08:41
•			US-PGPUB;	
		, , , , , , , , , , , , , , , , , , ,	DERWENT	
-	2	("3760237").PN.	USPAT;	2002/12/09 08:51
İ			US-PGPUB;	
			DERWENT	
-	2	("5998925").PN.	USPAT;	2002/12/09 09:00
1			US-PGPUB;	
		(ma	DERWENT	
-	1	("6469322").PN.	USPAT;	2002/12/09 09:03
1			US-PGPUB;	
1			DERWENT	
ļ -	2	("6345903").PN.	USPAT;	2002/12/09 09:47
	1		US-PGPUB:	
			DERWENT	
-	2	("5813753").PN.	USPAT;	2002/12/09 10:05
			US-PGPUB;	
			DERWENT	
-	2	("5874803").PN.	USPAT;	2002/12/09 11:00
			US-PGPUB;	
1			DERWENT	
-	2	("6084250").PN.	USPAT;	2002/12/09 11:16
			US-PGPUB;	
			DERWENT	
-	2	("5773085").PN.	USPAT;	2002/12/09 11:17
İ	ļ		US-PGPUB;	=002/12/00 11:17
			DERWENT	
-	2	("5813752").PN.	USPAT;	2002/12/09 13:15
ĺ			US-PGPUB:	2002/12/03 10:13
			DERWENT	
-	251	362/800.ccls. and (LED or "light emitting diode") and (groove	USPAT;	2002/12/09 13:19
		or rough or roughness or dimple or ridge or uneven or "not	US-PGPUB:	2002/12/00 10:10
		even")	DERWENT	
-	59	362/800.ccls. and (LED or "light emitting diode") and (groove	USPAT;	2002/12/10 12:08
		or rough or roughness or dimple or ridge or uneven or "not	US-PGPUB;	2002/12/10 12:00
		even") and frame	DERWENT	
-	54	257/95,98,99,100.ccls. and (LED or "light emitting diode") and	USPAT;	2002/12/11 09:47
	1	frame and (uneven or rough or roughness or groove or ridge	US-PGPUB:	2002/12/11/00:47
		or dimple or "not even")	DERWENT	
-	95	257/95,98,99,100.ccls. and (LED or "light emitting diode") and	USPAT;	2002/12/11 14:04
	ł	frame and (indentation or protrusion or pattern or patterned)	US-PGPUB;	2002/12/11 14.04
	1	, , , , , , , , , , , , , , , , , , ,	DERWENT	
-	2	("5874748").PN.	USPAT;	2002/12/11 14:29
		•	US-PGPUB;	2002/12/11 17.29
			DERWENT	
] -	2	("5177593").PN.	USPAT;	2002/12/11 14:30
1		,	US-PGPUB;	2002/12/11 14.30
			DERWENT	
-	2	("6274924"),PN.	USPAT;	2002/12/11 14:30
]			US-PGPUB;	2002/12/11 14.30
			DERWENT	
			OF LIAAFIAI	